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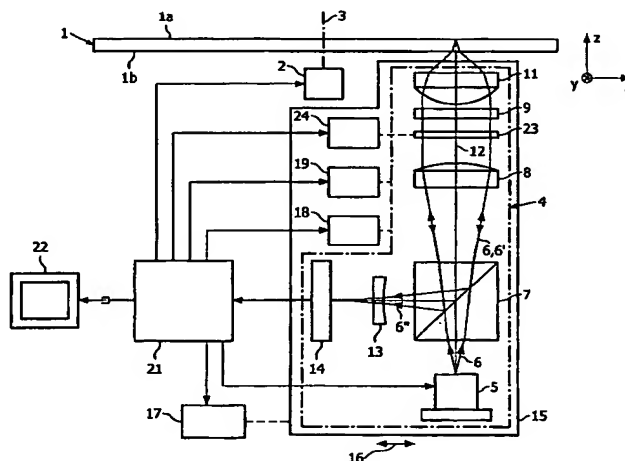
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[Continued on next page]

(54) Title: METHOD AND DEVICE FOR COMPENSATING TILT OF AN OPTICAL DATA CARRIER



(57) Abstract: The invention relates to a method of and a device for compensating tilt of an optical or magneto-optical disc (1) exhibiting unknown tilt when placed in an apparatus for reading and/or writing data from and/or onto the optical or magneto-optical disc. A holographic optical element (23) containing a plurality of holograms each defining a phase profile able to compensate at least a specific coma amount is placed in a light path of an optical read/write unit (4) of the apparatus. The amount of tilt of the disc or coma introduced by the tilt is detected (14, 21), and a hologram defining a phase profile corresponding to the detected amount of tilt or coma is selected and accessed among the plurality of holograms of the holographic optical element for compensating the detected amount of tilt or coma. The invention applies to any type of optical data carrier such as so-called LD, CD, R-CD, DVD, DVD+R, DVD+RW, DVD-RW, DVR (Blue Ray).

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